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(54) Title: CARBON MATERIAL FOR BATTERY ELECTRODE AND PRODUCTION METHOD AND USE THEREOF

(57) Abstract: The invention relates to a carbon material for forming a battery electrode, comprising carbon powder having a homogeneous structure which is produced by causing an organic compound, serving as a raw material of a polymer, to deposit onto and/or permeate into carbonaceous particles, and subsequently polymerizing the organic compound, followed by thermal treatment at a temperature of 1,800 to 3,300°C, which comprises a structure which is substantially uniform throughout the entirety of the particle from the surface to the central core where a graphite crystal structure region and an amorphous structure region are distributed. By using the material, a battery having high discharging capacity and low irreversible capacity, with excellent coulombic efficiency and excellent cycle characteristics can be fabricated.

WO 2004/109825 A2